

Washington D.C., 20231

Sir,

Patent

Attorney Docket No: AM-106.P.1-US

IN THE UNITED STATES PATENT AND	TRADEMARK OFFICE
In re application of:	
Angel Cebolla Ramirez et. al.	Examiner: Pappu, Sita S.
Application Number: 09/746,567	Group Art Unit: 1636
Filed: December, 21, 2001	#10
For: REGULATED EXPRESSION OF CLONED GENES USING A CASCADE GENETIC CIRCUIT))) _)
Assistant Commissioner for Patents	

SUBMISSION OF PROPOSED DRAWINGS

In response to the Office Action mailed July 2, 2002, Applicants submit the attached drawings for consideration by the Examiner. The attached drawings are identical to the drawings submitted in the parent PCT application Patent No. PCT/IB00/00830. In the Notice of Draftsperson's Patent Drawing Review, Form PTO 948, mailed March 23, 2002, the drawings were noted to be improper. Applicants submit proposed proper drawings with corrections. Notice of approval and acceptance of these figures is respectfully requested.

Please apply any charges not covered, or any credits, to <u>Deposit Account Number</u> 501321 in the name of David R. Preston & Associates, having <u>Customer Number 24232</u>.

Respectfully submitted,

Date: <u>Nov 5, 200</u>2

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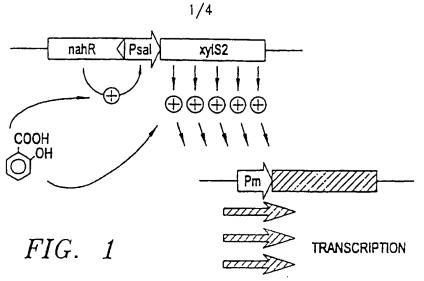
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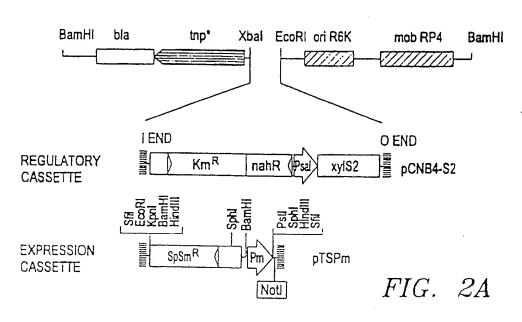


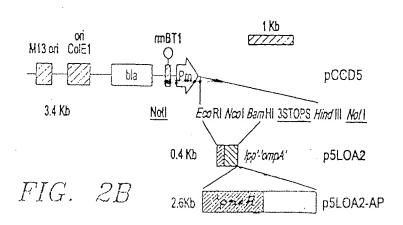
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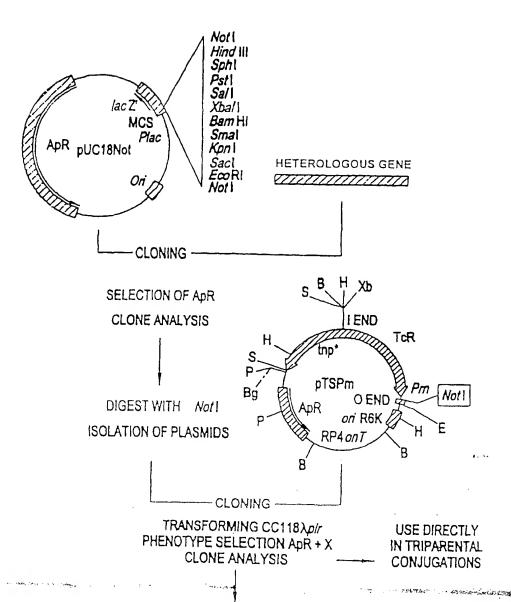


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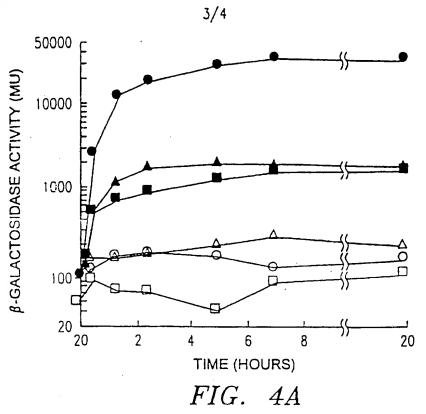
TRANSFORM THE SUICIDE PLASMID INTO \$17-1\(\lambda\) plr USE CLONES IN DIPARENTAL CONJUGATIONS



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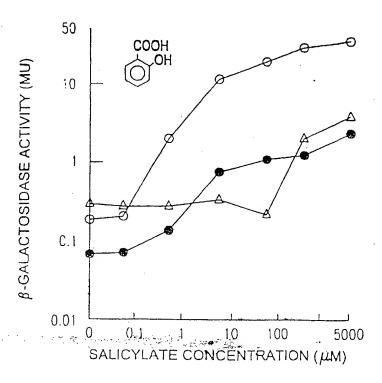


FIG. 4B



300

250

200

150 -

100

50 -

INDUCTION RATIO

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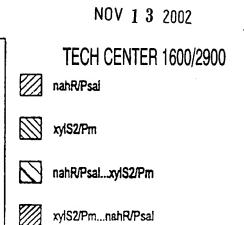


FIG. 5

B INDUCER

MINITRANSPOSONS	STRAIN BA	LSAL (M	REGULATORY U) HIERARCHY	0	INDUCTION RATIO 0 50 100 150 200				
CNB4-lacZ	NSL7	44	NahR	-		1			1
CNB2-lacZ	S2PmL	58	XylS2—	- 22	7		(HOO	
CNB4-S2/TPmlac	4S2PmL	48	NahR XylS2	-1			()	
CNB43-lacZ	43L	127	NahR3						
CNB44-lacZ	44L	153	NahR4						
CNB43-S2/TPmlac	43S2PmL	53	NahR3 XylS2	- 2					
CNB44-S2/TPmlac-lac	44S2PmL	33	NahR4 —— XyiS2 ——	- 22					

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FIG. 6

Augustian Fig. 7

FIG. 7

Augustian Fig. 7

FIG. 7